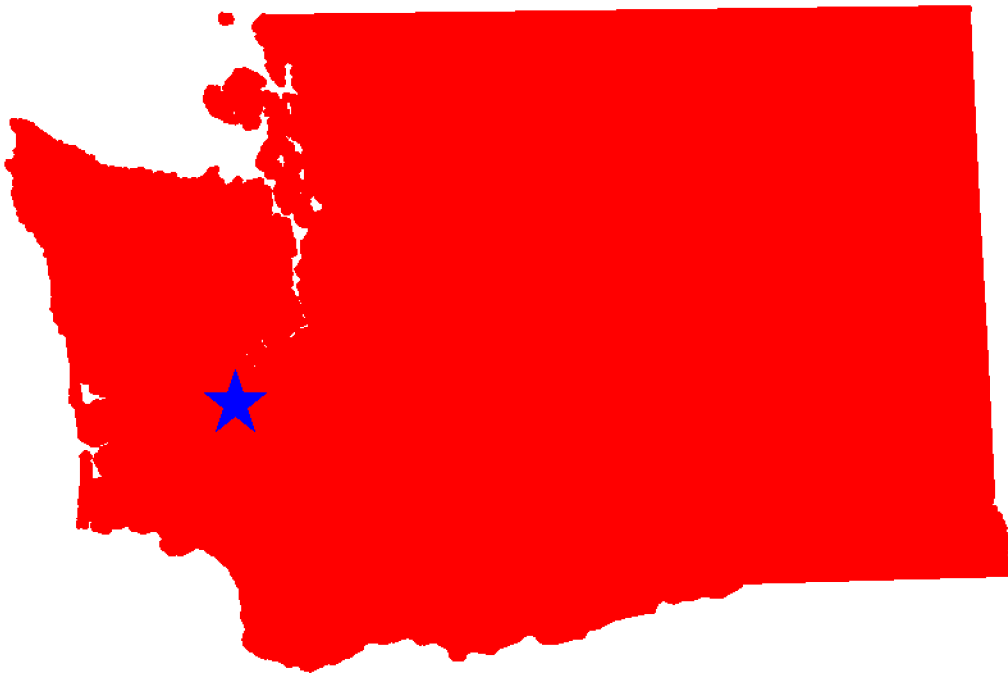




Traffic Safety Facts Washington 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS)

FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Washington State Survey

Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



Table of Contents

Pg3.	Fatality Rates: Washington , U.S. and Best State
Pg4.	Alcohol-Related Fatalities: Washington , U.S. and Best State (Old Definition)
Pg5.	Alcohol-Impaired Driving Fatalities: Washington , U.S. and Best State (New Definition)
Pg6.	Fatalities Per 100 Million VMT: Washington , U.S.
Pg6.	Alcohol-Impaired Driving Fatalities Per 100 Million VMT: Washington , U.S.
Pg7.	Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Rider (Operators) Involved in Fatal Crashes: Washington , U.S. and Best State
Pg8.	Passenger Vehicle Occupant Fatalities by Restraint Use: Washington , U.S. and Best State
Pg9.	Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Washington , U.S.
Pg9.	Passenger Vehicle Occupant by Observed Restraint Use: Washington , U.S.
Pg10.	Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates
Pg10.	Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates
Pg11.	Motorcycle Occupant Fatalities by Helmet Use and Lives Saved Estimates
Pg12.	Fatalities by Person Type
Pg13.	Fatalities by Crash Type
Pg14.	Motorcyclist Fatalities by Age
Pg14.	Motorcyclist Fatalities Per 100,000 Registered Motorcycles
Pg15.	Top 10 Counties for Fatalities and Fatality Rates
Pg16.	Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates



Fatality Rates: Washington , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Washington	600	55,015	1.09	6,118,988	9.81
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Washington	567	55,673	1.02	6,189,869	9.16
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Washington	649	55,476	1.17	6,270,838	10.35
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Washington	633	56,517	1.12	6,374,910	9.93
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Washington	568			6,468,424	8.78
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

[Back To The Table of Contents](#)



Alcohol-Related Fatalities: Washington , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Washington	600	261	43	226	38	0.41
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Washington	567	247	44	223	39	0.40
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Washington	649	302	46	254	39	0.46
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Washington	633	294	46	245	39	0.43
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Washington	568	246	43	208	37	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

[Back To The Table of Contents](#)



Alcohol-Impaired Driving Fatalities: Washington , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Washington	600	203	34	0.37
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Washington	567	202	36	0.36
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Washington	649	238	37	0.43
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Washington	633	221	35	0.39
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Washington	568	195	34	
	US	41,059	12,998	32	0.43
	Best State*			17	

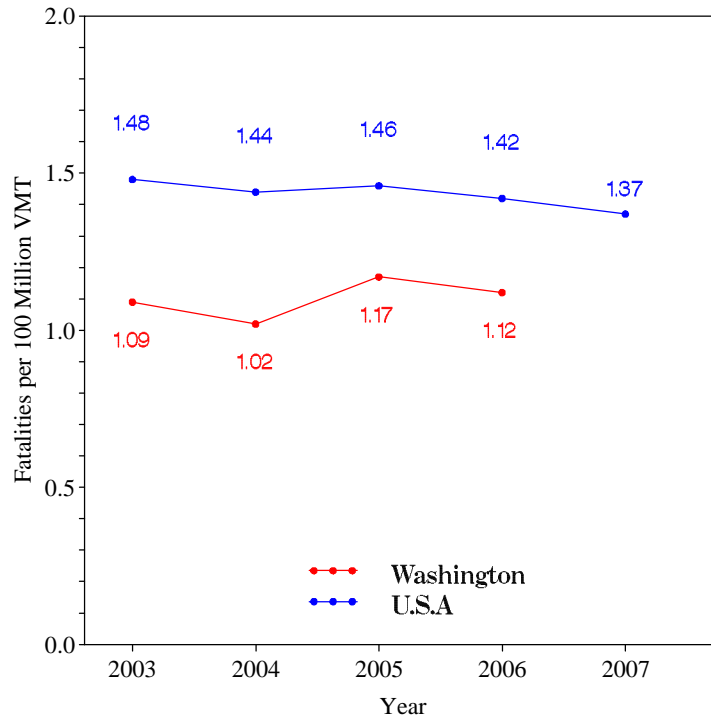
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

[Back To The Table of Contents](#)

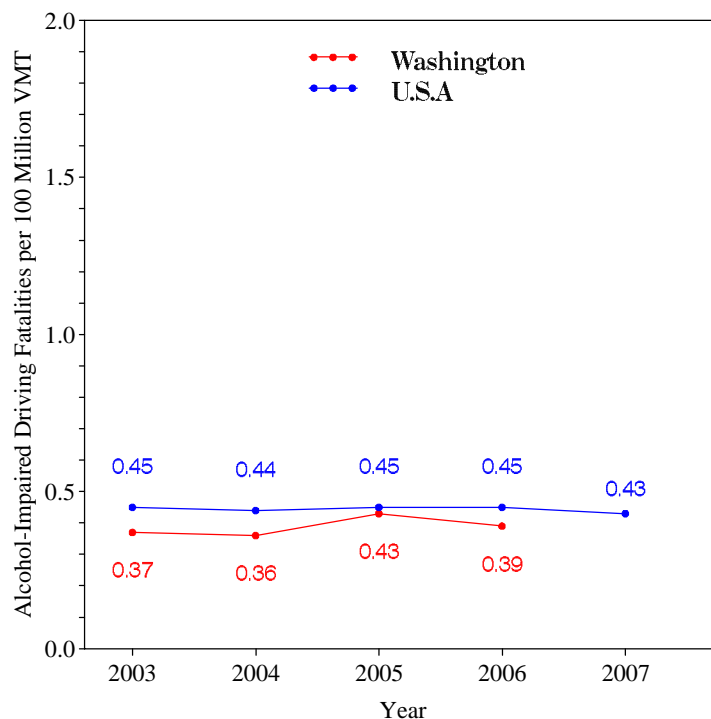


Fatalities per 100 Million VMT: Washington and U.S



[Back To The Table of Contents](#)

Alcohol-Impaired Driving Fatalities per 100 Million VMT: Washington and U.S



[Back To The Table of Contents](#)



Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Washington , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Washington	142	49	35	307	269	88	449	318	71
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Washington	146	68	47	296	254	86	442	322	73
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Washington	167	64	38	325	302	93	492	366	74
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Washington	168	66	39	329	312	95	497	378	76
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Washington	139	54	39	312	288	92	451	342	76
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

[Back To The Table of Contents](#)



Passenger Vehicle Occupant Fatalities by Restraint Use: Washington , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Washington	445	259	58	95
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Washington	414	240	58	94
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Washington	465	250	54	95
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Washington	456	251	55	96
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Washington	398	233	59	96
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

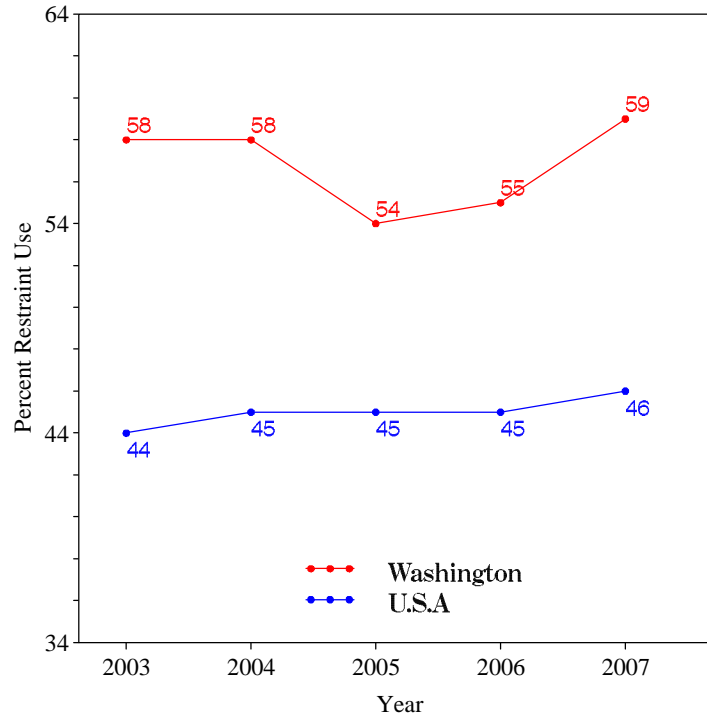
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. Washington Data: State Survey

[Back To The Table of Contents](#)

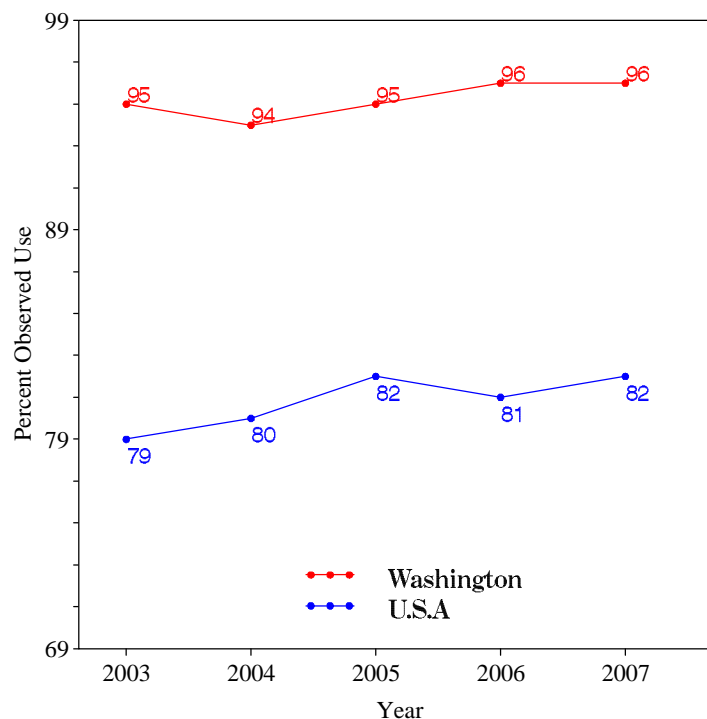


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Washington and U.S



[Back To The Table of Contents](#)

Passenger Vehicle Occupants by Percent Restraint Use Observed: Washington and U.S



[Back To The Table of Contents](#)



Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	442	257	185	285	30
2004	406	233	173	248	31
2005	452	243	209	268	30
2006	447	249	198	277	34
2007	393	228	165	264	24

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

[Back To The Table of Contents](#)

Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	3	2	1	0	1
2004	7	6	1	8	0
2005	12	8	4	13	3
2006	7	2	5	4	3
2007	5	5	0	6	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	59	52	7	31	3
2004	73	67	6	40	2
2005	74	72	2	43	1
2006	80	74	6	44	2
2007	69	59	10	35	4

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

[Back To The Table of Contents](#)



Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	263	15	253	16	305	16	286	16	236	14
	Light Truck - Pickup	83	5	66	4	85	5	74	4	72	4
	Light Truck - Utility	64	4	68	4	48	3	68	4	64	4
	Light Truck - Van	35	2	27	2	27	1	28	2	26	2
	Large Truck	2	0	5	0	11	1	14	1	10	1
	Bus	0	0	0	0	0	0	0	0	1	0
	Other/Unknown Occupants	6	0	7	0	9	0	4	0	13	1
	Total Occupants	453	26	426	26	485	26	474	26	422	26
Motorcyclists	Motorcycle	59	3	73	4	74	4	80	4	69	4
Non-Occupants	Pedestrian	75	4	60	4	72	4	67	4	60	4
	Bicyclist and Other Cyclist	10	1	7	0	13	1	7	0	14	1
	Other/Unknown Non-Occupants	3	0	1	0	5	0	5	0	3	0
	Total Non-Occupants	88	5	68	4	90	5	79	4	77	5
Total	Total	600	34	567	35	649	35	633	35	568	35

[Back To The Table of Contents](#)



Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	600	567	649	633	568
- Single Vehicle (1)	351	327	369	370	333
- Involving a Large Truck (2)	46	57	69	65	79
- Involving Speeding (3)	234	226	247	253	224
- Involving a Rollover (4)	170	163	204	186	160
- Involving a Roadway Departure (5)	348	343	404	378	346
- Involving an Intersection (or Intersection related) (6)	144	111	123	120	122

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	4	11	10	17	12	4	58
2004	5	20	6	20	19	5	75
2005	5	22	15	15	12	4	73
2006	3	23	15	14	18	8	81
2007	4	20	9	19	12	4	68

[Back To The Table of Contents](#)

Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	58	141,945	40.86
2004	75	160,227	46.81
2005	73	172,200	42.39
2006	81	194,109	41.73
2007	68		

*Data Source: FHWA

[Back To The Table of Contents](#)



Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	King County	91	4.89
2	Pierce County	59	7.63
3	Yakima County	42	18.02
4	Snohomish County	40	5.91
5	Spokane County	33	7.23
6	Clark County	32	7.65
7	Grays Harbor County	22	30.84
8	Kitsap County	21	8.87
9	Thurston County	21	8.80
10	Whatcom County	16	8.29

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Skamania County	7	65.28
2	Garfield County	1	48.78
3	Kittitas County	12	31.13
4	Grays Harbor County	22	30.84
5	Jefferson County	9	30.82
6	Klickitat County	6	29.86
7	Okanogan County	11	27.74
8	Ferry County	2	27.13
9	Stevens County	11	26.29
10	San Juan County	4	26.29

[Back To The Table of Contents](#)



Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	King County	25	1.36
2	Pierce County	19	2.50
3	Yakima County	14	6.14
4	Snohomish County	13	1.95
5	Clark County	13	3.09
6	Thurston County	11	4.40
7	Spokane County	9	1.91
8	Kittitas County	7	19.20
9	Kitsap County	6	2.58
10	Okanogan County	6	15.13

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Skamania County	3	28.91
2	Columbia County	1	25.09
3	Wahkiakum County	1	24.76
4	Kittitas County	7	19.20
5	Jefferson County	5	17.12
6	Okanogan County	6	15.13
7	Ferry County	1	13.56
8	Mason County	5	9.22
9	Douglas County	3	8.29
10	Stevens County	3	7.89

[Back To The Table of Contents](#)